Amendments to the Claims:

Please amend Claims 1, 3, 4, 6-10, 17, 18, 23 and 27. Please cancel Claims 20-22, 24-26, and 28-29. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing:

1. (Currently amended) A method for producing an organically bonded abrasive article, comprising the steps of:

   a) combining an abrasive grain component and a ~~phenol-based~~ phenolic resin component;

   b) molding the combined components;

   c) ~~thermally curing the phenol-based~~ phenolic ~~resin component in an atmosphere comprising humidity, wherein said atmosphere contacts the molded components, thereby producing the organically bonded abrasive article~~.

2. (Original) The method of Claim 1, wherein the abrasive grain component is an alumina grain.

3. (Currently amended) The method of Claim 1, wherein the ~~phenol-based~~ phenolic resin component includes a ~~phenol-based~~ phenolic resin in liquid form.

4. (Currently amended) The method of Claim 1, wherein the ~~phenol-based~~ phenolic resin component includes a resole.

5. (Original) The method of Claim 4, wherein the resole is dissolved in water.

6. (Currently amended) The method of Claim 1, wherein the ~~phenol-based~~ phenolic resin component includes a novolac resin.

7. (Currently amended) The method of Claim 1, wherein the method further comprises combining an organosilicon component with at least one of the abrasive grain component[[,]] and the ~~phenol-based~~ phenolic resin component ~~and an organosilicon component~~ of step a).

8. (Currently amended) The method of Claim 7, wherein the abrasive grain component is combined with the organosilicon component to form organosilicon-treated abrasive grain and then combined with the ~~phenol-based~~ phenolic resin component.

B1 Cont

9. (Currently amended) The method of Claim 8, wherein the organosilicon-treated abrasive grain is first combined with a ~~phenol-based~~ phenolic resin in liquid form and then with a ~~phenol-based~~ phenolic resin in powder form.

10. (Currently amended) The method of Claim 7, wherein the organosilicon component is combined with the ~~phenol-based~~ phenolic resin component and then with the abrasive grain.

11. (Original) The method of Claim 1, wherein thermal curing is at a final cure temperature of at least about 150 °C.

12. (Original) The method of Claim 1, wherein said atmosphere further includes air.

13. (Original) The method of Claim 1, wherein said atmosphere further includes ammonia.

14. (Original) The method of Claim 1, wherein thermal curing is conducted in the presence of steam.

15. (Original) The method of Claim 14, wherein thermal curing is conducted in the presence of live steam.

16. (Original) The method of Claim 15, wherein thermal curing is conducted in a chamber and the steam is re-circulated through the chamber.

17. (Currently amended) The method of Claim 1, wherein said atmosphere is ~~present~~ in contact with the molded components for a period of at least 5 hours.

18. (Currently amended) The method of Claim 1, wherein said atmosphere contacts the combined components prior to thermally curing the ~~phenol-based~~ phenolic resin component.

19. (Original) The method of Claim 1, wherein the thermal curing is in a chamber held at a pressure exceeding atmospheric pressure.

Claims 20-22 (Cancelled).

23. (Currently amended) An abrasive ~~article~~ wheel produced by a process comprising the steps of:

a) combining an abrasive grain component and ~~a phenol-based resin~~ an organosilicon component to form an organosilicon-treated abrasive grain component;

b) combining the organosilicon-treated abrasive grain component with a phenolic resin component;

~~b)~~ c) molding the combined components to form a green body; and

~~c)~~ d) thermally curing the ~~phenol-based~~ phenolic resin component, in an atmosphere comprising humidity, wherein said atmosphere contacts the green body, thereby producing the ~~organically bonded~~ abrasive ~~article~~ wheel, having ~~an ammonia content is of less than about 50 ppm~~ at least a 9

percent improvement in burst speed with respect to a standard wheel, of the same specification as said abrasive wheel.

Claims 24-26 (Canceled).

~~27~~. (Currently amended) A grinding wheel produced by a process, comprising the steps of:

a) combining an abrasive grain component and ~~a phenol-based resin~~ an organosilicon component to form an organosilicon-treated abrasive grain component;

b) combining the organosilicon-treated abrasive grain component with a phenolic resin component;

~~b)~~ c) molding the combined components to form a green body; and

~~c)~~ d) thermally curing the ~~phenol-based~~ phenolic resin component, in an atmosphere comprising humidity, wherein said atmosphere contacts the green body, thereby producing the ~~organically bonded abrasive article~~ grinding wheel, whereby the wheel has a percent wet strength retention ~~greater than~~ of at least about ~~57~~ 89.9 percent.

Claims 28-29 (Cancelled).